



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

646.9710

Job Sheet 214452



Part No: 646.9710

Job Qty: 10 pcs

Part Name: Body

20 pcs

B.A



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/23/20

Job Tracking No:

Due Date: 12/11/20

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG 646.9700 REV.J IPP REV:A NEW ISSUE 12/10/04 JFS VERIFY BY: DD IPP REV:B 2020.05.27 AS PER
DWG REV.J DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	Sign-off
110	HAAS 4 Axis	10 pcs	11/27/20	11/27/20	0.22	5.00	HAAS - 1		
							HAAS - 2		
							HAAS - 3		
							HAAS - 4		
120	QC 2	10 pcs	11/27/20	11/27/20	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL : 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S317930



Part: 646.9710

Job No: 214452

Serial No/Batch: S317930

Revision: Rev.J

Inspector:

Exp Date:

Instructions: Various STC's

Date: 12/03/20

				QC 2 - 8	
				QC 2 - 66	
				QC 2 - 64	
				QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 2 - 76	
				QC 2 - 86	
				QC 2 - 83	
130	QC 8	10 pcs	11/27/20	0.00 0.00	QC 8 - 12
					QC 8 - 14
					QC 8 - 17
					QC 8 - 20
					QC 8 - 25
					QC 8 - 3
					QC 8 - 32
					QC 8 - 33
					QC 8 - 35
					QC 8 - 39
					QC 8 - 4
					QC 8 - 44
					QC 8 - 45
					QC 8 - 49
					QC 8 - 58
					QC 8 - 8
					QC 8 - 9
					QC 8 - 68
					QC 8 - 67
					QC 8 - 1 (A)
					QC 8 - 47
					QC 8 - 40
					QC 8 - 52
					QC 8 - 23
					QC 8 - 57
					QC 8 - 76
					QC 8 - 61
					QC 8 - 66
					QC 8 - 73
					QC 8 - 82
140	Outsource - 4 - Anodize	10 pcs	12/11/20		ATG001-VC
150	Packaging 2-1 - Receive - B4B	10 pcs	12/11/20	0.00 0.00	Packaging 2 - 1 - B4B
					Packaging 2 - 2 - B4B
					Packaging 2 - 3 - B4B
					Packaging 2 - 5 - B4B
					Packaging 2 - 4 - B4B
					Packaging 2 - 6 - B4B
					Packaging 2 - 7 - B4B
					Packaging 2 - 8 - B4B
					Packaging 2 - 9 - B4B
					Packaging 2 - 10 - B4B
					Packaging 2 - 11 - B4B
					Packaging 2 - 12 - B4B
					Packaging 2 - 13 - B4B

Am 20/12/05

10

DEC 16 2010

DEC 23 2020

				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
				Packaging 2 - 37 - B4B	
155	QC 6	10 pcs	12/11/20	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
					QC 6 - 81
					QC 6 - 82
180	Packaging 3-1 - Stock - B4B	10 pcs	12/11/20	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B

				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
190 QC 21 - SA	10 pcs	12/11/20	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	DAS DEC 29 2020
				QC 21 - SA - 9	21
				QC 21 - SA - 77	9-89
				QC 21 - SA - 28	

Part Op 110 - (HAAS CNC Vertical Machine), 1-Machine per folio FB130
 Descriptions: 120 - (QC2- Inspect parts off machine FAI/FAIB)
 130 - (QC8- Inspect parts - second check)
 140 - Issue P/O to ATG: _____ AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW

MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N
Certification of Conformity is required

150 - (Receive & Inspect for Damage & Mat'l Certs)

155 - (QC6- All purchased or subcontracted products)

180 - (Identify as per dwg & Stock Location: _____), ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

190 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S1.000X5.000	7075-T6 Sheet1" Thick Plate X 5" Wide	6.2100 ft (.621 ea)	110-HAAS 4 Axis	528863X5005 5312517X15005

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-HAAS 4 Axis	M7075T6S1.000X5.000	6	3	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Body	0.130Inches ± 0.010	0.140 0.120	0.130	
2	Body	45.0Angle ± 0.5	45.5 44.5	45°	
3	Body	1.500Inches ± 0.005	1.505 1.495	1.500	
4	Body	0.352Inches + 0.005 - 0.000	0.357 0.352	0.354	
5	Body	0.100Inches ± 0.010	0.110 0.090	0.100	
6	Body	45.0Angle ± 0.5	45.5 44.5	45°	
7	Body	0.875Inches ± 0.005	0.880 0.870	0.877	
8	Body	0.700Inches ± 0.005	0.705 0.695	0.700	
9	Body	5.500Inches ± 0.005	5.505 5.495	5.500	
10	Body	0.660Inches ± 0.005	0.665 0.655	0.660	
11	Body	0.660Inches ± 0.005	0.665 0.655	0.660	
12	Body	0.279Inches ± 0.002	0.281 0.277	0.278	
13	Body	0.339Inches ± 0.002	0.341 0.337	0.338	
14	Body	0.347Inches ± 0.002	0.349 0.345	Product 0.349	
15	Body	0.352Inches + 0.005 - 0.000	0.357 0.352	0.354	
16	Body	0.372Inches ± 0.002	0.374 0.370	0.371	
17	Body	1.067Inches ± 0.002	1.069 1.065	1.067	
18	Body	2.608Inches ± 0.002	2.610 2.606	2.608	
19	Body	2.750Inches ± 0.002	2.752 2.748	2.750	
20	Body	2.892Inches ± 0.002	2.894 2.890	2.892	
21	Body	3.348Inches ± 0.002	3.350 3.346	3.348	
22	Body	3.597Inches ± 0.002	3.599 3.595	3.597	
23	Body	3.847Inches ± 0.002	3.849	3.847	

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			3.845	
24	Body	0.383inches $\pm$ 0.002 0.351	0.385 0.381	0.351
25	Body	0.544inches $\pm$ 0.002	0.546 0.542	0.544
26	Body	2.195inches $\pm$ 0.002	2.197 2.193	2.195
27	Body	2.304inches $\pm$ 0.002	2.306 2.302	2.304
28	Body	2.451inches $\pm$ 0.002	2.453 2.449	2.451
29	Body	2.639inches $\pm$ 0.002	2.641 2.637	2.639
30	Body	3.395inches $\pm$ 0.002	3.397 3.393	3.395
31	Body	3.495inches $\pm$ 0.002	3.497 3.493	3.495
32	Body	4.556inches $\pm$ 0.002 4.551	4.558 4.554	4.551
33	Body	4.595inches $\pm$ 0.002	4.597 4.593	4.595
34	Body	4.687inches $\pm$ 0.002	4.689 4.685	4.686
35	Body	4.734inches $\pm$ 0.002	4.736 4.732	4.733
36	Body	6.651inches $\pm$ 0.002	6.653 6.649	6.650
37	Body	0.201inches $\pm$ 0.005 - 0.001	0.206 0.200	0.201
38	Body	0.177inches $\pm$ 0.005 - 0.001	0.182 0.176	0.177
39	Body	7.026inches $\pm$ 0.005	7.031 7.021	7.026
40	Body	4.245inches $\pm$ 0.005	4.250 4.240	4.244

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

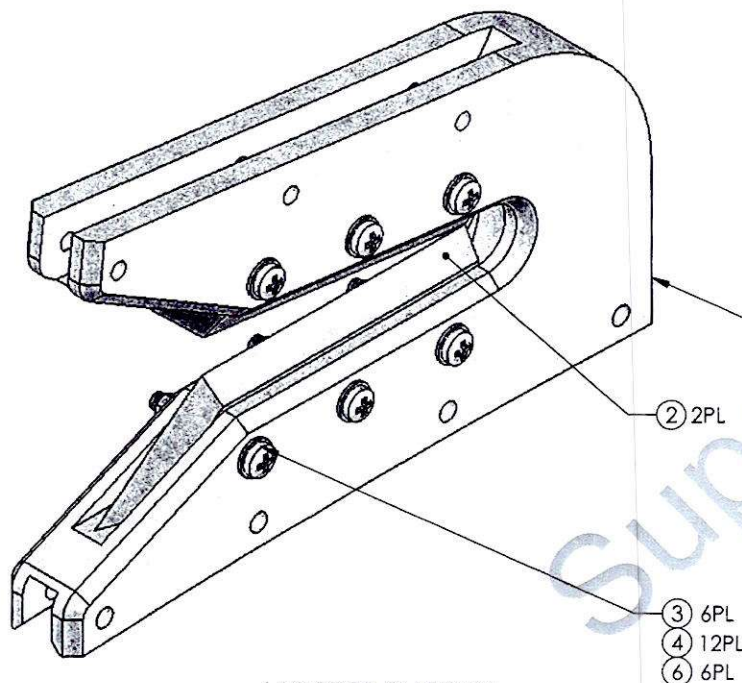
Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

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REVISIONS				REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED	REV.	DESCRIPTION	DATE	APPROVED
E	INCORPORATED ECH 05345, 05346 & 05951	03/30/18	P. BRAVO		LAST PROTOTYPE REVISION: PPS		N/C
F	INCORPORATED ECH 06153	01/25/19	P. BRAVO	NC	INITIAL RELEASE	03/29/09	P. BRAVO
G	INCORPORATED ECH 06158	02/12/19	P. BRAVO	A	INCORPORATED ECH 05744, 05951, 05972	04/06/13	P. BRAVO
H	INCORPORATED ECH 06328	07/23/19	P. BRAVO	B	INCORPORATED ECH 03967	07/03/13	P. BRAVO
				C	INCORPORATED ECH 04097	08/09/13	P. BRAVO
				D	INCORPORATED ECH 06329	02/26/16	P. BRAVO

NOTES:

- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
- 2 FINISH IAW MPP-172 SECTION 2.1, 3.3 & 4.3.
- 3 MATERIAL: AISI A2 TOOL STEEL
CONDITION: ANNEALED
POST PROCESS: HEAT TREAT TO 58-62 Rc ROCKWELL HARDNESS
- 4 FINISH: PRIME IAW MPP-172 SECTION 3.3; 1-2 MIL MAX
- 5 DEBURR AND BREAK ALL SHARP EDGES EXCEPT WHERE OTHERWISE NOTED
- 6 IDENTIFY IAW MPP-120
- 7 APPLY F/N 5 AS REQUIRED TO ALL FAYING SURFACES OF F/N 2 UPON ASSEMBLY
- 8 CUTTING EDGE INTENDED TO BE SHARP, DO NOT BREAK SHARP EDGE
- 9 ALL DIMENSIONS NOT SPECIFIED ARE CONTROLLED BY 646.9710.

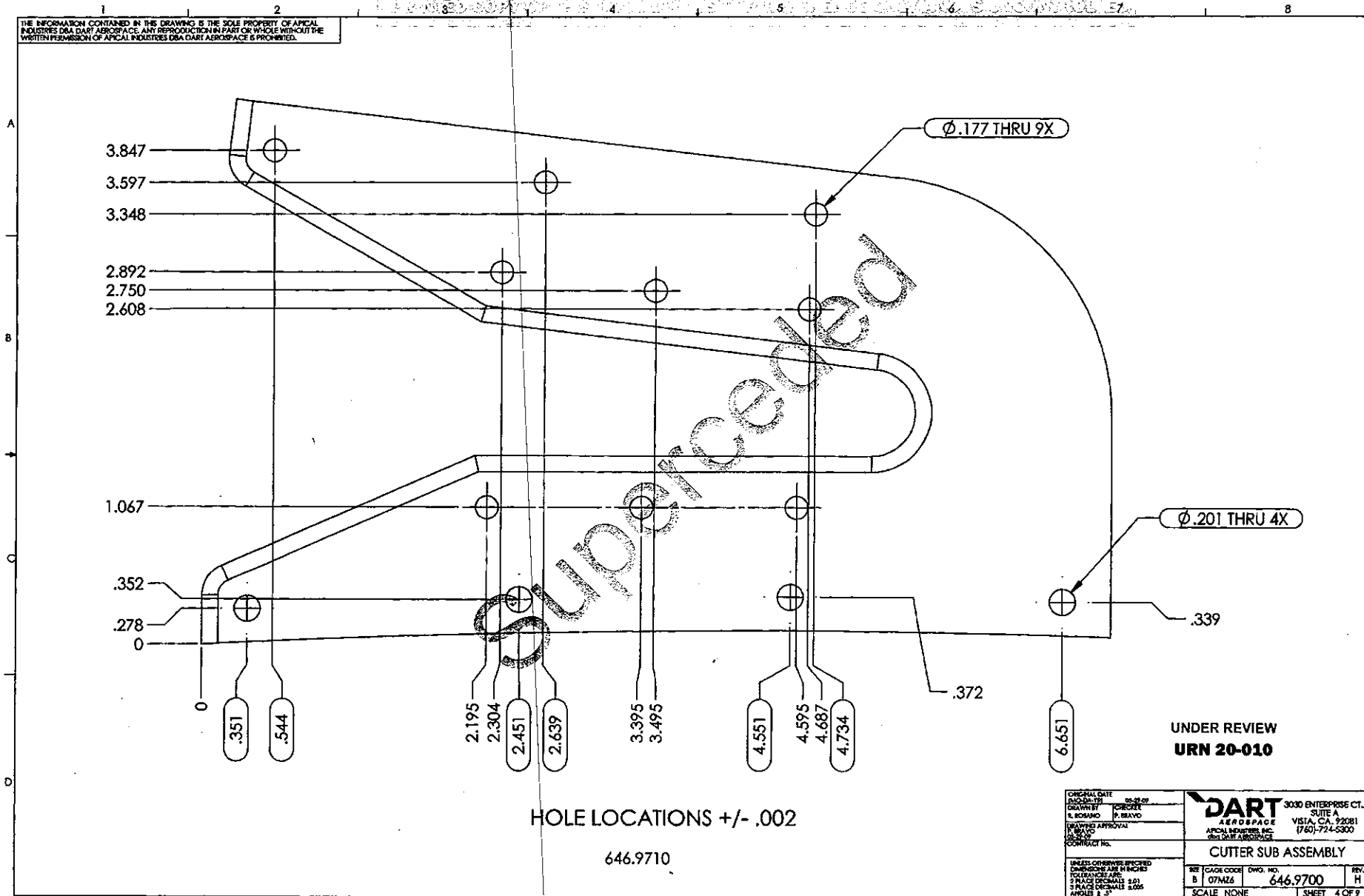


UNDER REVIEW
URN 20-010

1					10	646.9715	BODY		△	△△
	1				9	646.9714	BODY		△	△△
		1			8	646.9713	BODY		△	△△
			1		7	646.9712	BODY		△	△△
6	6	6	6	6	6	601.1541	LOCKNUT	MS21042L08		
A/R	A/R	A/R	A/R	A/R	5	601.2045	RTV, LOCTITE 598			
12	12	12	12	12	4	601.2764	WASHER	NAS1149FH32P		
6	6	6	6	6	3	601.2765	SCREW	MS27039-0819		
2	2	2	2	2	2	646.9711	BLADE			△
				1	1	646.9710	BODY		△	△
X						646.9705				
	X					646.9704	CUTTER SUB ASSY			
		X				646.9703	CUTTER SUB ASSY			
			X			646.9702	CUTTER SUB ASSY			
				X		646.9701	CUTTER SUB ASSY			
9705	9704	9703	9702	9701	FIND #	PART #	DESCRIPTION	MATL	SPEC.	

QTY				PARTS LIST			
NEXT ASSY (S)				ORIGINAL DATE	05-20-09	DART 3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760)-724-5300 APICAL INDUSTRIES, INC. DBA DART AEROSPACE	
646.9600				DRAWN BY	R. BOSANO		
647.1400				DESIGNED BY	P. BRAVO		
				DATE	05-20-09		
				CORRECTION NO.		CUTTER SUB ASSEMBLY	
				UNLESS OTHERWISE SPECIFIED			
				DIMENSIONS ARE IN INCHES			
				TOLERANCES ARE:			
				2 PLACE DECIMALS ±.01			
				3 PLACE DECIMALS ±.005			
				ANGLES ±.5°			
				SIZE	CAGE CODE	DWG. NO.	REV.
				B	07M26	646.9700	H
				SCALE		NONE	SHEET 1 OF 9

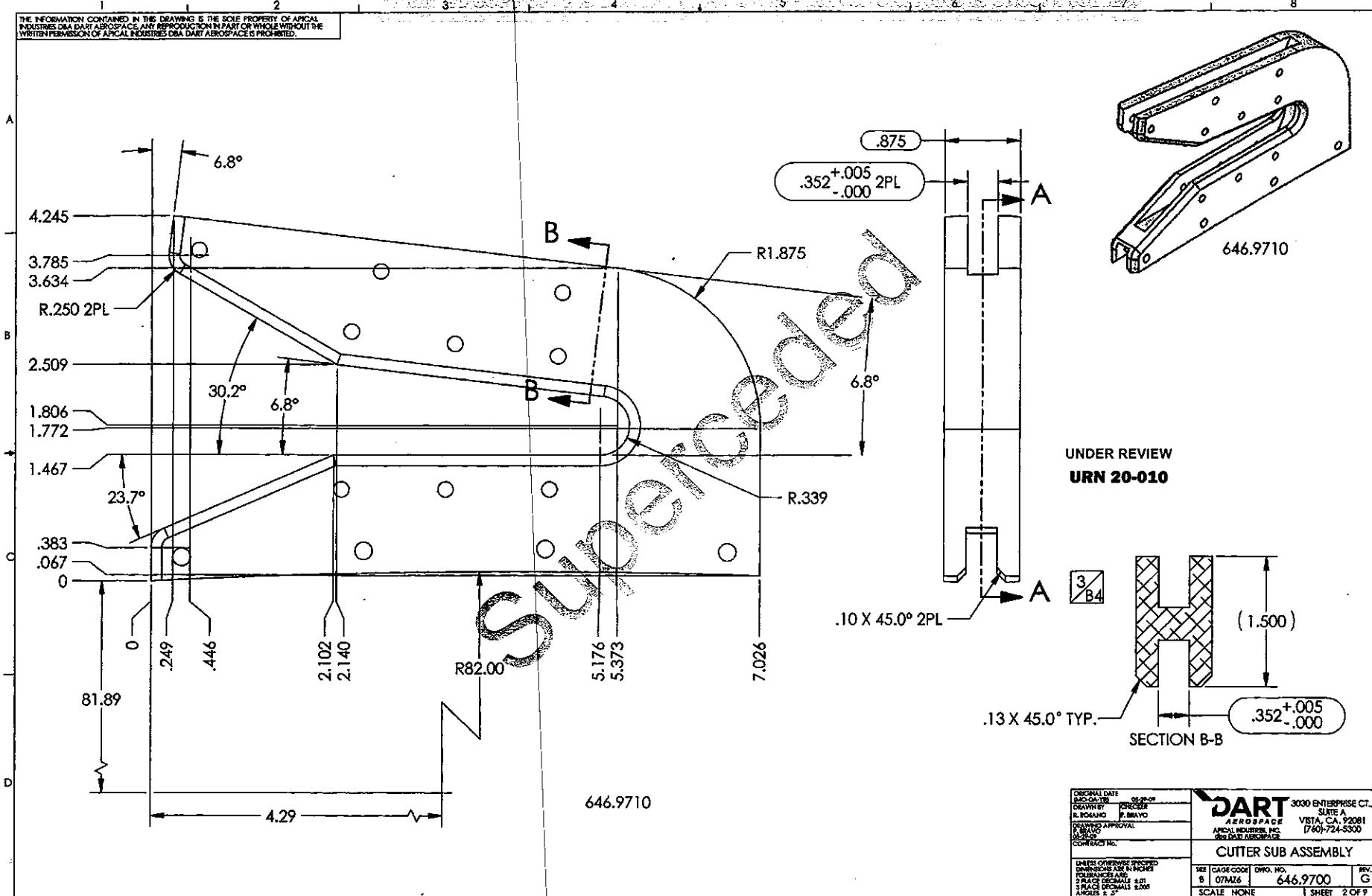
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UNDER REVIEW
URN 20-010

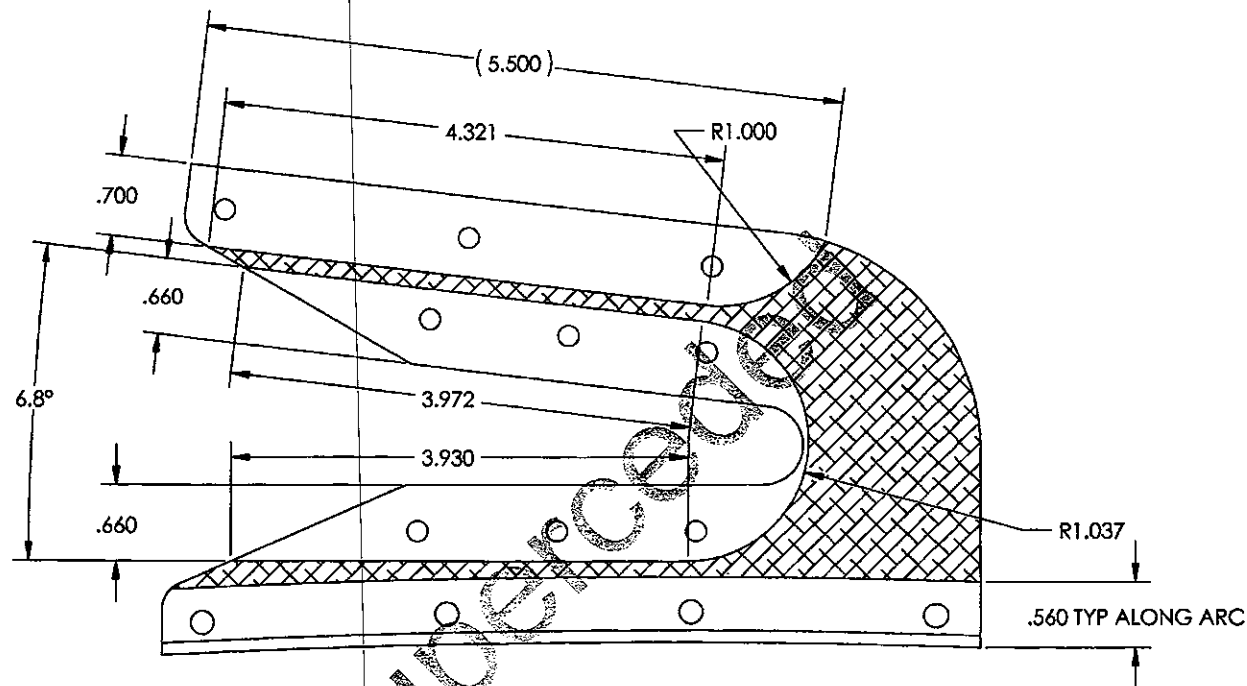
ORIGINAL DATE: 05-25-07		DART AEROSPACE 3030 ENTERPRISE CT., SUITE A, VISALIA, CA 93201 (760)-724-5300	
DESIGNED BY: L. BORRANO	CHECKED BY: P. BEAVO	CUTTER SUB ASSEMBLY	
APPROVED BY: [Signature]			
CONTRACT NO.:		REV: B	DATE: 07/26/06
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: 1 PLACE DECIMAL: .010 2 PLACE DECIMAL: .005 3 PLACE DECIMAL: .002 4 PLACE DECIMAL: .001 5 PLACE DECIMAL: .0005 6 PLACE DECIMAL: .0002 7 PLACE DECIMAL: .0001 8 PLACE DECIMAL: .00005 9 PLACE DECIMAL: .00002 10 PLACE DECIMAL: .00001		DWG. NO.: 646.9700	REV: H
SCALE: NONE		SHEET 4 OF 9	

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ORIGINAL DATE 1-20-00 DRAWN BY R. BOIANO CHECKED BY P. BRAYO PARTIAL APPROVAL DATE 1-20-00 COMMENTS NONE	DART AEROSPACE APICAL INDUSTRIES, INC. DBA DART AEROSPACE 3000 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760)-724-5300
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS .005 2 PLACE DECIMALS .005 ANGLES ± .2°	CUTTER SUB ASSEMBLY REV. 07/02/06 QWO. NO. 646.9700 SCALE NONE 1 SHEET 2 OF 9

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SECTION A-A 2/C6

646.9710

UNDER REVIEW
URN 20-010

ORIGINAL DATE: 05-25-97		DART AEROSPACE	
DRAWN BY: R. ROSANO		3030 ENTERPRISE CT., SUITE A	
CHECKED BY: P. BRAYO		VISTA, CA 92081	
DRAWING APPROVAL: R. BRAYO		(760) 724-6300	
DATE: 05-25-97		APICAL INDUSTRIES, INC. DBA DART AEROSPACE	
CONTRACT NO.:		CUTTER SUB ASSEMBLY	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES 1/16 1/32 .005 1/16		REV. H	SCALE: NONE
SHEET: 074426		DWG. NO. 646.9700	SHEET 3 OF 9

Steven Drouin

From: Jacob Becker
Sent: Tuesday, December 15, 2020 7:00 PM
To: Steven Drouin
Cc: Alex Quan
Subject: RE: 646.9710

Hi Steven,

Per our conversation it is acceptable to produce 646.9710 at revision H. Revision J unintentionally changed the hole orientation of 646.9710 most likely due to a part link to 646.9714. An ECR should be generated to manage the update to the drawing.

Regards,

JACOB BECKER
Lead Sustaining Engineer

DART AEROSPACE
T 1 760 509-1639
M 1 760 691-9108

From: Steven Drouin <sdrouin@dartaero.com>
Sent: Tuesday, December 15, 2020 11:37 AM
To: Jacob Becker <jbecker@dartaero.com>
Cc: Alex Quan <aquan@dartaero.com>
Subject: 646.9710

Hi Jacob

Could I have the Approval to make 646.9710 to Rev. H instead of the approve drawing Rev. J ,

Rev. J has a hole alignment issue with the rail .



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB047936**



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalonde, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB047936

PO Date: 12/16/20

Due Date: 12/21/20

Purchase Order

Revision:

Revision Date:

Issued By: Lussier, Patrick
Phone: 613-632-5200 Ext: 276
plussier@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	216574	654.1013	654.1000 N/C	Doubler Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A- 8625 PRETREATMENT AS PER SECTION 3.3 PRETREAT CARDINAL 4860- 4702 ACID ETCH WASH PRIMER (GRAY) TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed	-	12/21/20	3 pcs	0 pcs	3 pcs	\$9.46/pcs	\$28.38
Line Item Note **** RUSH ****												
2	216157	D4977-1	D4977 Rev D	Bracket, LH : Certificate of Conformity Only Issue P/O to ATG : 1- Black Anodize as per Dwg 2- PRIME AS PER DWG, SEE NOTE #2 Certification of Conformity is required	Firmed	-	12/21/20	5 pcs	0 pcs	5 pcs	\$9.26/pcs	\$46.30
Line Item Note **** RUSH ****												



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB047936



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	214245	C2-1-1	C2-1-1 Rev 4	Manual Release Knob (Outsource process-Anodize per QSI017 4.1.10.1)-Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed X30	-	12/21/20	20 pcs	0 pcs	20 pcs	\$3.60/pcs	\$72.00
Line Item Note **** RUSH ****												
4	214199	C3-9-1	C3-9-1 Rev 4	Clock Spring Cover - C3 Hook Outsource process-Anodize per QSI017 4.1.10.1 -- Issue P/O to GROUPE ALTECH: -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed X30	-	12/21/20	30 pcs	0 pcs	30 pcs	\$3.31/pcs	\$99.30
Line Item Note **** RUSH ****												
5	215195	RBEL135M-2905-101-09	RBEL135M-2905-101 Rev 9	Drive Pulley Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O to GROUPE ALTECH; PO -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required	Firmed X6	-	12/23/20	6 pcs	0 pcs	6 pcs	\$3.31/pcs	\$19.86



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1270 Aberdeen St
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K6A 1K7
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Tel (613) 632-5200

PURCHASE ORDER

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Items												
Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	216174	D5140-1	D5140 Rev A	Upper Cutter Body, LH : Certificate of Conformity Only Outsource process- Anodize per QSI017 4.1.10.1 Issue P/O: 1- Black Anodize as per Dwg D5140 2- Prime as per dwg Certification of Conformity is required	Firmed	-	12/23/20	4 pcs	0 pcs	4 pcs	\$10.96/pcs	\$43.84
7	216175	D5140-2	D5140 Rev A	Upper Cutter Body, RH : Certificate of Conformity Only Outsource process- Anodize per QSI017 4.1.10.1 Issue P/O: 1- Black Anodize as per Dwg D5140 2- Prime as per dwg Certification of Conformity is required	Firmed	-	12/23/20	4 pcs	0 pcs	4 pcs	\$10.96/pcs	\$43.84
8	216160	D4980-1	D4980 REV.C	Doubler : Certificate of Conformity Only Issue P/O to ATG : AS PER DWG D4980 1- HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK, 2- PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX, AS PER QSI 005 Certification of Conformity is required	Firmed	-	12/23/20	15 pcs	0 pcs	15 pcs	\$6.81/pcs	\$102.15
9	216191	D4703-045	D4703 Rev D	Lock Pin Assembly : Various STC's Issue P/O to ATG: -HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 3 CLASS 2 -As Per Dwg D4703 -Material type: 6061T6 -Certificate of Conformity is required	Firmed	-	12/23/20	4 pcs	0 pcs	4 pcs	\$3.96/pcs	\$15.84

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Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
10	215197	RBEL135M-2905-101-14	RBEL135M-2905-101 Rev 9	Collar Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O to GROUPE ALTECH; PO -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required	Firmed	-	12/23/20	8 pcs	0 pcs	8 pcs	\$3.31/pcs	\$26.48
11	216536	DT10779-3	DT10779 REV.A	Strap -Issue P/O; ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061T6 - Certificate of Conformity is required	Firmed	-	12/23/20	3 pcs	0 pcs	3 pcs	\$3.59/pcs	\$10.77
12	216537	DT10779-1	DT10779 REV.A	Bar -Issue P/O; ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061T6 - Certificate of Conformity is required	Firmed	-	12/23/20	3 pcs	0 pcs	3 pcs	\$3.59/pcs	\$10.77
13	216482	DT10779-5	DT10779 REV.A	Block -Issue P/O; ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061T6 - Certificate of Conformity is required	Firmed	-	12/23/20	3 pcs	0 pcs	3 pcs	\$3.59/pcs	\$10.77
14	215082	RB H4713-1	RB H4713 Rev F	Drain Hose Body -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant As Per Dwg RB910-0020-1 Rev. 2	Firmed	-	1/5/21	8 pcs	0 pcs	8 pcs	\$3.59/pcs	\$28.72



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Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
15	214937	RBE350A94-3700-C-05	RBE350A94-3700-C Rev 6	Bottom -Issue P/O: PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant As Per Dwg RBE350A94-3700-C-05 Rev. 6 -Certificate of Conformity is required	Firmed -		1/5/21	15 pcs	0 pcs	15 pcs	\$3.59/pcs	\$53.85
					X15				DEC 22 2020			
16	215337	646.9910	646.9900 Rev nc1	Struts Issue P/O to ATG: Hard Anodize, Color Black and Prime as per Dwg 646.9900 rev. N/C	Firmed -		1/5/21	12 pcs	0 pcs	12 pcs	\$12.61/pcs	\$151.32
					X12				DEC 23 2020			
17	214220	RBW6205G03451-3G	RBW6205G03451-3G 2B	Bolt Guide Removal & Install Outsource process- Anodize per QSI017 4.1.10.1 - Issue P/O to GROUPE ALTECH PO: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Material; 6061 - Certificate of Conformity is required	Firmed -		1/5/21	4 pcs	0 pcs	4 pcs	\$3.31/pcs	\$13.24
					X4				DEC 22 2020			
18	214432	646.9710	646.9700 Rev.J	Body : Various STC's Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N Certification of Conformity is required	Firmed -		1/5/21	20 pcs	0 pcs	20 pcs	\$15.21/pcs	\$304.20
					X20				DEC 23 2020			



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Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
19	216603	654.1011	654.1000 N/C	Doubler Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A- 8625 PRETREATMENT AS PER SECTION 3.3 PRETREAT CARDINAL 4860- 4702 ACID ETCH WASH PRIMER (GRAY) TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed	-	12/23/20	3 pcs	0 pcs	3 pcs	\$9.46/pcs	\$28.38
20	216571	654.1010	654.1000 N/C	Mounting Bracket Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A- 8625 PRETREATMENT AS PER SECTION 3.3 PRETREAT CARDINAL 4860- 4702 ACID ETCH WASH PRIMER (GRAY) TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed	-	12/23/20	3 pcs	0 pcs	3 pcs	\$24.71/pcs	\$74.13



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Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
21	216587	654.1015	654.1000 N/C	Doubler Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A- 8625 PRETREATMENT AS PER SECTION 3.3 PRETREAT CARDINAL 4860- 4702 ACID ETCH WASH PRIMER (GRAY) TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed	-	12/21/20	3 pcs	0 pcs	3 pcs	\$9.46/pcs	\$28.38
Grand Total:												\$1,212.52

Order Notes

Procurement Quality Clauses
 A005 right of entry
 A012 chemical and physical test report
 A016 personnel qualification
 A017 raw material identification (as applicable)

A022 Apical Processing
 A024 process certifications
 A026 certification of material conformance

A041 quality management system
 A042 dart notification by supplier
 A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Please ensure to send the related invoice to hby_ap@dartaero.com.

Plex 12/21/20 4:18 PM dart.lussier.patrick



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 921259

Date: 22-Dec-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
12 ea	Part: 646.9910 Struts Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4 mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - 9 mils) per drawing. Batch/Lot# 5315 837 Job: 28677 PO: POHB047936		Rev: NC Expiry Date: 4/25/2022 Line: 16
20 ea	Part: 646.9710 Body Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: 5315 837 Job: 28679 PO: POHB047936		Rev: J Expiry Date: 4/25/2022 Line: 18
3 ea	Part: 654.1011 Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot# 5315 837 Job: 28680 PO: POHB047936		Rev: N/C Expiry Date: 4/25/2022 Line: 19
Made in Canada.			

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DEC 22 2020
DART AEROSPACE LTD



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 921259

Date: 22-Dec-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
3 ea	Part: 004.1010 Mounting Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: 5315837 Job: 28681 PO: POHB047936	Rev: N/C Expiry Date: 4/25/2022 Line: 20	
CERTIFICATE OF CONFORMANCE A T G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>DEC 22 2020</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G. Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			
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